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February 28, 2001

Blanca Bayo Director Division of Records and Reporting Florida Public Service Commission 2540 Shumard Oak Blvd. Tallahassee, FL 32399-0850



RE: Petition for Waiver Docket #010122-TL

Dear Ms. Bayo:

Enclosed for filing are the original and seven copies of the following:

- 1. Sprint's Post-Tour Report for the Maitland Central Office (redacted version); 02737-01and
- Sprint's Request for Confidential Classification Pursuant to Section 02738-01 364.183(1), F.S.

A copy of these documents is being served on the interested persons in this docket, pursuant to the attached Certificate of Service. The confidential portions of the Post-Tour Report (Attachments 1 and 2) are being filed under seal by separate letter.  $O \ge 739 - 01$ 

Please acknowledge receipt of this filing by stamping and initialing a copy of this letter and returning same to the courier. If you have any questions, please do not hesitate to call me at 850/599-1560.

Sincerely,

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Susan S. Masterton

Enclosures

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## Post Tour Report for Maitland Taken Wednesday, February 9, 2001 Application for Temporary Waiver Submitted January 29, 2001

The following post tour report is submitted pursuant to Florida Public Service Commission's Physical Collocation guidelines adopted by Order Nos. PSC-99-1744-PAA-TP and PSC-99-2393-FOF-TP. Sprint Florida, Inc. ("Sprint") is requesting a Temporary Waiver for Physical Collocation for the Maitland Central Office ("CO") because it is technically infeasible to provision collocation to the six CLECs on the waiting list for that office until the required power upgrade and installation of equipment necessary to provide connectivity to the collocation space on the second floor are completed. The power upgrade and installation of connectivity equipment will be complete and Sprint will be able to provision physical collocation requests by May 1, 2001.

### Methodology

Since this request for waiver is based on technical infeasibility, rather than lack of space, Sprint has modified the standard post-tour report format to provide general information relating to the space allocations at the Maitland Central Office and to provide a detailed explanation of the technical issues that are the basis for Sprint's temporary waiver request.

### **Building Analysis**

Building Name: Maitland Central Office

Street Address: 501 South Kellar Road

City: Maitland, Florida 32751

I. Building data:

The Maitland DMS-100 Central Office is located on the west side of South Kellar Road, approximately one mile west of Interstate 4 in a primarily business section of Maitland. The site is approximately 10 minutes north of downtown Orlando.

The building was originally constructed in 1983. There were no additions to the building until last year (2000), when a second story was constructed.

II. Building Occupancy:

The following information details the space allocation for the Maitland building.

The current building contains 8,435 gross square feet; 4,211 square feet on the first floor, and 4,224 feet on the second floor.

DOCUMENT NUMBER-DATE 02737 FEB 28 5 FPSC-RECORDLYREPORTING There is 284 square feet of unavailable space on the first floor for restrooms, janitorial closet, cable vault, and storage.

Sprint and CLEC equipment occupies 4,160 square feet in the building. There is 1,020 square feet of switching equipment and 1,969 square feet of transmission (circuit and subscriber line carrier) equipment on the first floor. The DC power plant occupies 533 square feet on the first floor. The frame occupies 405 square feet on the first floor supporting all ILEC and ALEC equipment in this location.

There are no unregulated services or administrative space (administrative space is not directly related to the installation, maintenance, or servicing of the telephone equipment in this building) in this facility.

III. Future Sprint space requirements are based on forecasts for equipment going into service within 18 months of this application. In addition, there is the need to separate equipment by types, family growth patterns, grounding, or size of cabinets. These needs also affect which spaces are available for collocation. All these factors are involved in making the following space allocations. Applying the practices to the customer needs in this area yields the following information:

#### Isolated Ground Plane Area:

Switch Growth: There are currently four vacant switch bay spaces on the first floor. One is reserved for an approved project going in-service the first quarter of 2001. Sprint forecasts indicate no additional switch spaces in the next 18 months. Due to the Isolated Ground Zone (IGZ) and manufacturer's warranty considerations, we can place no other types of equipment (Sprint or CLEC) in this area.

#### Integrated Ground Plane Area:

There are currently six transmission bay spaces reserved for growth on the first floor. All six spaces are reserved for future growth of equipment that requires contiguous bay spaces. Sprint must complete the building addition in the second quarter of 2001 to meet its own transmission space needs in 2001 and beyond.

#### Power Plant Area:

The 533 square feet of space reserved in the D.C. power rooms on the first floor will allow for the necessary rectifier and battery string additions to support central office equipment in the building.

### Frame Area:

The existing frame will serve the forecasted Sprint and ALEC growth for the next 18 months.

IV. Collocation Occupancies:

There is no space on the first floor assigned to physical collocations, but the second floor has 600 square feet assigned for future physical collocations in this office.

V. Other Occupancies:

There is no square footage assigned to any 3<sup>rd</sup> party space.

VI. Switched Turnaround Space:

There is no reservation for switch turnaround space.

VII. Growth Plans:

A 4,224 square foot addition to the second floor was completed in 3Q00. This addition will serve switch, transmission, and collocation requirements. There are currently six collocation applications pending that will be assigned space in this addition.

VIII. Special Conditions Noted on the Space Inspection Tour

The following details the specific technical issues that are the basis of Sprint's request for a temporary waiver due to technical infeasibility.

A. Power Upgrade

The Maitland Central Office Building exhausted the space available for additional equipment. Sprint constructed a building addition to provide space for equipment growth. The Maitland site has no land available for a first floor extension of the building; therefore, a second story was constructed.

The second floor addition requires a distribution system from the first floor D.C. power room to the second floor. The power distribution system consists of large copper bars, known as a bus, that are routed from the first floor batteries to the power distribution bays on the second floor. The bus bars are protected from accidental electrical grounding by a bus duct.

The bus bars and ducts are custom fabricated to the exact dimensions of the Maitland site. The bus and ducts are very labor intensive to manufacture and time consuming to install. The measurements are taken only after the building construction is completed.

All of the measurements were taken and the power distribution material is on site. The power distribution bays are installed on the second floor and the installation of the bus bars and ducts is in progress. The entire D.C. power feed to the second floor is on schedule for a March 30, 2001 completion.

# B. Installation of Connectivity

Any CLEC equipment, installed in the new second floor room, will require a connection to the transmission equipment, located on the first floor. Access to the first floor equipment is made via digital cross-connect (DSX) panels and tie cables between the two floors. Sprint will install DSX-1 and DSX-3 panels on the first and second floors with tie cables connecting the DSX panels. The DSX panels and tie cables will provide inter-connection between the CLEC equipment and the transmission equipment.

Sprint is waiting for the arrival of some DSX panels and miscellaneous related equipment. The installation and wiring of the DSX panels will begin in March 2001 and will complete on April 30, 2001.

- C. Other Issues
- 1. Multiple contractors working in an uncompleted equipment room:

The installation of the equipment on the second floor is expected to complete at the end of April 2001. Sprint has serious reservations about allowing anyone in the equipment room before our installation activity is completed because of the potential for scheduling conflicts between the various installation forces and concerns over equipment liability between the various vendors. Therefore, Sprint will provide the CLEC's with an installation ready environment free of any potential conflicts on May 1, 2001.

2. Access to the second floor equipment room:

The space surrounding the Maitland Central Office Building is very limited and a single driveway on the south side of the building provides the only access for equipment delivery and parking. Access to the second floor equipment room is via a stairway on the northwest end of the building and a second story doorway overlooking the driveway. A crane or forklift is required to transfer any large equipment from the driveway, through the second story doorway, and into the second floor equipment room. During delivery, a crane or forklift would block access to the building and parking area.

Equipment delivery and access to the building will require careful scheduling to avoid delivery conflicts and building access blockages.

# IX. PLAN FOR OPENING OFFICE TO WAITING CLECS

Sprint will inform the FPSC as well as ALECs on a waiting list for space in the specific closed office, when space becomes available 60 days prior to the office being re-opened. In the event Sprint's determination that space will be available does not allow for 60 calendar days' notice, Sprint shall notify the FPSC and requesting ALECs within two business days of the determination that space is available as specified by the FPSC Analysis and Determination. Based on Network's present scheduled office availability of May 1st, 2001, notices should be sent on March 2, 2001.

Notification will be made by mail and newly available space will be assigned on a first-come, first-served basis.

#### XI. Attachments

Attachment 1 Floor Plan for the 1<sup>st</sup> Floor of the Maitland Central Office Attachment 2 Floor Plan for the 2d Floor of the Maitland Central Office